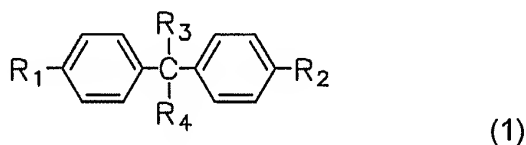


IN THE SPECIFICATION:

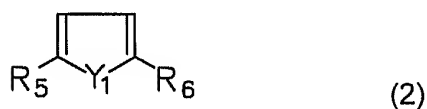
The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 5, line 11, with the following paragraph:

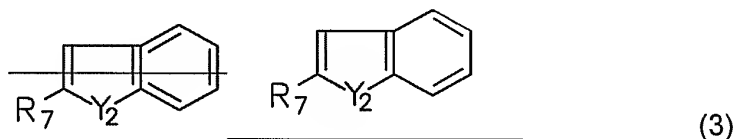
[0019] To accomplish the aspects of the present invention, the present invention provides an electrolyte for a lithium secondary battery, the electrolyte comprising a lithium salt; a non-aqueous organic solvent; and at least one additive compound selected from the group consisting of compounds represented by formulas (1) to (6):



where R_1 and R_2 are independently selected from the group consisting of a hydroxy, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_1 to C_6 alkoxy substituted with a halogen, C_1 to C_4 alkyl, a C_2 to C_4 alkenyl, a C_6 to C_{14} aryl, a C_3 to C_6 cycloalkyl, a halogen-substituted alkyl group, an alkenyl group, an aryl group, a cycloalkyl group and a C_2 to C_6 alkenyl substituted with a halogen; and R_3 and R_4 are independently selected from the group consisting of a C_1 to C_6 alkyl and a C_6 to C_{12} aryl, and a methyl;

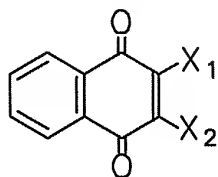


where Y_1 is selected from the group consisting of O, NR (where R is hydrogen, a C_1 to C_6 alkyl, a C_6 to C_{12} aryl, or preferably 1-phenylsulfonyl), and S; and R_5 and R_6 are independently selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_6 to C_{12} aryl, and an acetyl, and preferably a methyl;



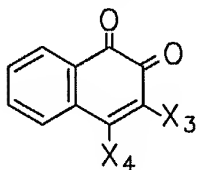
where Y_2 is selected from the group consisting of O, N, and S; and R_7 is selected from the group

consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, and a C₆ to C₁₂ aryl;



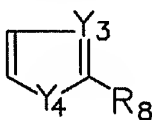
(4)

where X₁ and X₂ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br;



(5)

where X₃ and X₄ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and

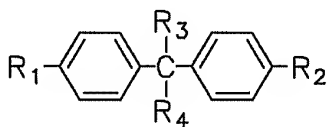


(6)

where Y₃ is selected from the group consisting of N, O, and S, and preferably N; Y₄ is NR' (where R' is hydrogen or a C₁ to C₆ alkyl), O, S, or preferably NH; and R₈ is selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₆ to C₁₂ aryl, and an acetyl.

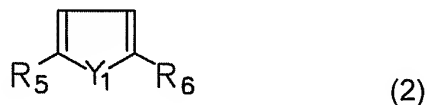
Please REPLACE the paragraph beginning at page 8, line 20, with the following paragraph:

[0038] An electrolyte of the present invention is prepared by adding at least one compound from a group of additive compounds having the following formulas (1) to (6) to a non-aqueous solvent including lithium salts:

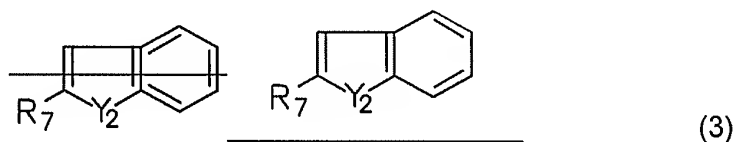


(1)

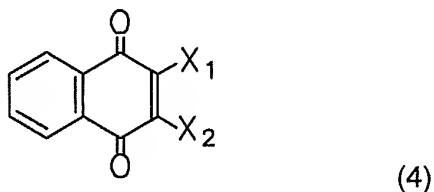
where R_1 and R_2 are independently selected from the group consisting of a hydroxy, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_1 to C_6 alkoxy substituted with a halogen, and a C_2 to C_6 alkenyl substituted with a halogen, and preferably a hydroxy; and R_3 and R_4 are independently selected from the group consisting of a C_1 to C_6 alkyl and a C_6 to C_{12} aryl, and preferably a methyl;



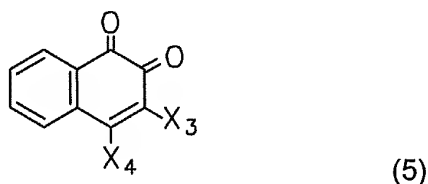
where Y_1 is selected from the group consisting of O, NR (where R is hydrogen, a C_1 to C_6 alkyl, a C_6 to C_{12} aryl, or preferably 1-phenylsulfonyl), and S; and R_5 and R_6 are independently selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_6 to C_{12} aryl, and an acetyl, and preferably a methyl;



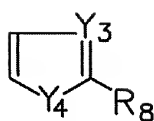
where Y_2 is selected from the group consisting of O, N, and S; and R_7 is selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, and a C_6 to C_{12} aryl;



where X_1 and X_2 are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, preferably Cl or Br;



where X_3 and X_4 are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and



(6)

where Y_3 is selected from the group consisting of N, O, and S, preferably N; Y_4 is NR' (where R' is hydrogen or a C_1 to C_6 alkyl), O, S, or preferably NH; and R_8 is selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_6 to C_{12} aryl, and an acetyl.